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MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS, HELD
AT THE LICK OBSERVATORY, SEPTEMBER 13, 1890.

A quorum was present. The minutes of the last meeting were read and approved.

The following members were duly elected:

T. W. BACKHOUSE, F. R. A. S.,	West Hendon House, Sunderland, England.
Miss E. BROWN,	{ Further Barton, Cirencester, Birmingham, England.
J. RAYNER EDMANDS,	{ Harvard College Observatory, Cambridge, Mass.
W. C. FITZSIMMONS,	{ Care of J. H. FOUNTAIN & Co., Riverside, Cal.
LOUIS GEX,	{ Rua Conde Irajá, No. 20, Rio de Janeiro, Brazil.
GEO. N. HITCHCOCK,	San Diego, Cal.
A. E. KENNELLY,	Edison Laboratory, Orange, New Jersey.
Dr. L. L. LEGGETT,	Masonic Temple, Cleveland, Ohio.
Hon. E. B. MASTICK,	Office of the Lick Trust, San Francisco, Cal.
G. W. NICOLLS,	Banco Nacional, Rio de Janeiro, Brazil.
Professor H. B. PERKINS,	{ University of Southern California, Los Angeles, Cal.
WILLIAM MAXWELL READ,	{ Harvard College Observatory, Cambridge, Mass.
WILLIAM THAW, JR.,	Pittsburgh, Penn.

HENRY PHIPPS, JR., was duly elected a life member, to date from July 12.

The following resolutions were adopted:

WHEREAS, Mrs. R. A. PROCTOR was, at the last meeting of this Board, proposed as a member of this Society through misapprehension and elected,

Resolved, That, at her request, the said election be canceled.

It was further

Resolved, That, at his request, the election of Hon. A. KING take effect January 1, 1891.

The Treasurer delivered to the Board his official bond, duly executed, and three bank-books, as follows: German Savings and Loan Society, No. 64,347, and S. F. Savings Union, Nos. 50,715 and 51,529. The Board instructed the President to take charge of these books and of the bond. (They are deposited, with other A. S. P. papers and property, in the safe of the Director of the Lick Observatory at Mt. Hamilton.)

Mr. PIERSON reported that rooms for the Society had been secured in the seventh story of the new building of the California Academy of Sciences, on Market street, San Francisco.

Adjourned.

MINUTES OF THE MEETING OF THE ASTRONOMICAL SOCIETY OF
THE PACIFIC, HELD AT THE LICK OBSERVATORY,
SEPTEMBER 13, 1890.

The minutes of the last meeting were read and approved.

The Secretary read a list of the presents received since the last meeting, and the thanks of the Society were voted to the givers.

The list of new members elected was read by the Secretary.

The President called the attention of the members to the following circular issued by the Committee on the Memorial to Father PERRY:

“‘FATHER PERRY’ MEMORIAL.

“At a meeting recently held under the presidency of Sir EDWARD WATKIN, Bart, M. P., it was judged that a memorial to the late Father PERRY, F. R. S., would be sure to command general approbation and support.

“Father PERRY’s labours in solar physics and terrestrial magnetism, his ever ready willingness to lecture to the people, his cheerful acceptance of the most onerous posts in many astronomical expeditions, culminating in the sacrifice of his life at the observation of the eclipse of the 22d December, 1889, are well known to all.

“It has been decided that the best mode of perpetuating his name would be to aid the carrying-on of the astronomical work in the observatory in which he so long laboured.

“It is well known that had any testimonial been offered to Father PERRY during his lifetime he would have devoted it to this purpose. To use his own words in a lecture at the Royal Institution, in May, 1889, shortly before his death: ‘For the last ten years I have been anxiously endeavouring to make Stonyhurst as efficient an observatory as the means at my disposal would admit.’

“Astronomical work at Stonyhurst has long been hampered by the insufficiency of light supplied by the present 8-inch object-glass for the equatorial telescope. It is proposed, therefore, either to erect a new telescope (which is much needed) with a 15-inch object-glass, or to furnish the present equatorial stand with a 15-inch objective. It would require £2700 for the complete telescope and house, while £700 would suffice for the objective alone. It is hoped, however, to raise the more magnificent monument to his memory. Whichever be adopted, the telescope and the house in which it stands will bear the name of the ‘Father PERRY’ Memorial; and the work done with it will be published under this name. Memorials of a like nature have been erected on other occasions.

“Those who have not already subscribed to this fund, and are desirous of doing so, are invited to send a donation either to the ‘Father PERRY’ Memorial Account, at the London Joint Stock Bank, Limited, Pall Mall Branch, London, S. W.; or to

ARTHUR CHILTON THOMAS,

Hon. Secretary and Treasurer, pro tem.

Maridon Chambers, 30 North John Street, Liverpool.

COMMITTEE:

“Lord ARUNDELL of Wardour.

“Sir ROBERT S. BALL, LL.D., F.R.S., Royal Astronomer for Ireland.

“J. BILLINGTON BOOTH, Esq.

“W. H. M. CHRISTIE, Esq., M.A., F.R.S., Astronomer Royal.

“Lord CLIFFORD.

“The Rev. REGINALD COLLEY, S.J., Rector of Stonyhurst.

“A. A. COMMON, Esq., F.R.S.

“RALPH COPELAND, Esq., Ph.D., Royal Astronomer for Scotland.

“Prof. EDWARD S. HOLDEN, LL.D., Director of the Lick Observatory, U.S.A.

“Mons. J. JANSSEN, Membre de l’Institut, Directeur de l’Observatoire de Meudon, France.

“Prof. J. NORMAN LOCKYER, F.R.S.

“JOSEPH J. PERRY, Esq.

“LEWIS H. PERRY, Esq.

“ISAAC ROBERTS, Esq., F.R.S.

“Prof. ARTHUR SCHUSTER, Ph.D., F.R.S.

“Sir GEORGE GABRIEL STOKES, Bart., M.P., M.A., D.C.L., LL.D., President of the Royal Society.

“E. J. STONE, Esq., M.A., F.R.S., Director of the Radcliffe Observatory, Oxford.

“HENRY STOURTON, Esq., President of the Stonyhurst Association.

“H. H. TURNER, Esq., M.A., B.Sc., F.R.A.S., Royal Observatory, Greenwich.

“E. GRANVILLE WARD, Esq.

“Prof. C. A. YOUNG, Ph.D., Director of the Princeton Observatory, New Jersey, U.S.A.

“ARTHUR CHILTON THOMAS, Esq., Hon. Secretary and Treasurer, pro tem.”

A short sketch of the life and labors of Father PERRY was given by Mr. HOLDEN, who stated that he would gladly take charge of any contributions to this memorial, and duly forward them to the Hon. Treasurer in England; and that at the proper time a list of such contributions would be printed in the *Publications* A. S. P.

Glass copies of enlargements of the moon, of the crater *Copernicus*, of the planet *Jupiter*, were exhibited to the meeting, as well as a glass copy of the Cluster in *Hercules*. All these were made with the great telescope.

The following papers were presented :

- a.* Prof. L. WEINEK: "On Drawings of the Moon."
- b.* Prof. MILTON UPDEGRAFF: "Some Notes on Astronomy in South America."
- c.* A. O. LEUSCHNER: "Corrections to Oppolzer's Bahnbestimmung."
- d.* R. SCHMIDT: "A Suggestion of a Way to Forward our Knowledge of the Asteroids."
- e.* A. O. LEUSCHNER: "Elements of Comet Coggia (July 19)."
- f.* A. O. LEUSCHNER: "Elements of Comet Denning (July 23)."
- g.* Prof. DANIEL KIRKWOOD: "The Age of Periodic Comets."
- h.* E. E. BARNARD: "On the Photographs of the Milky Way, taken at the Lick Observatory in 1889."
- i.* J. E. KEELER: "On the Motions of the Planetary Nebulæ in the Line of Sight."

Owing to lack of time, only (*g*) and (*i*) were read. The first eight papers are printed in the present number of the *Publications*. The paper of Mr. KEELER will be printed in No. 11, and extra copies of it have already been distributed.

The Society then adjourned, to meet in San Francisco, November 29, 1890.